



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

| This declaration is of the following type |
|---|
|---|

[X] original[] divisional[] continuation[] continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CONCENTRATION PROFILE ON DEMAND GAS DELIVERY SYSTEM (INDIVIDUAL DIVERT DELIVERY SYSTEM)

SPECIFICATION IDENTIFICATION

The specification of which:

| .] | is attached hereto | | | |
|-----|---|--|--|--|
| [X] | was filed on 4/10/01, under Serial No. 09/832,168, executed on even date herewith; or | | | |
| ĺ | Express Mail No.(as Serial No. not yet known) | | | |
| | and was amended on (if applicable) | | | |
| 1 | was described and claimed in PCT International Application No. | | | |
| | filed on and as amended under PCT Article 19 on | | | |

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

If hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

Wacknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

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|---|---|--|---|--|--|--|---|--|
| | [X] | No such a | pplications have been | en filed. | | | | |
| | [] | Such app | ications have been f | filed as | follows: | | | |
| A. | Prior fo | oreign/PC priority | Γ application(s) fil claims under 35 U.S | ed with S.C. §1 | in 12 mos. (19 | (6 mos. for des | ign) prior to this a | pplication, |
| | Count | try/PCT | Application No | | Date | Filed | Priority Claim | ed |
| | | | | | | | [] Yes [] I [] Yes [] I [] Yes [] I | No |
| В. | | eign applic plication | cation(s), if any, file | ed more | than 12 mo | s. (6 mos for de | sign) prior to this | |
| | Country Applica Filing d | tion No: | | | | | | |
| C. | U.S. Pr | ovisional | Application filed w | ithin 12 | 2 months pri | or to this applic | eation | |
| | Serial I | No. | | <u>]</u> | Filing Date | | | |
| | | | PRIOR | ITY CI | LAIM (35 U. | S.C. §120) | | |
| internat subject manner informa likeliho issue a | tional ap matter of r provide ation that abod that a s a pater | plication(s of each of d by the fi t is materia a reasonab nt) which |) designating the U the claims of this rst paragraph of Tit al to the examination le Examiner would | nited S applicate le 35, U n of this conside | tates of Ame tion is not di Jnited States is application r it importan | erica that is/are isclosed in that/ Code, §112, I a (namely, inform t in deciding wh | ted States application listed below and, in those prior application cknowledge the dutination where there is tether to allow the action(s) and the nation | isofar as the ion(s) in the y to disclose is substantial pplication to |
| | [] [X] | No such Such ap | applications have b | een file filed, a | d is follows: | | | |
| | | 1. | • | | | Ctotac | | |
| | Serial | <u>No</u> . | Filing Date | | Patented | Status Pending | Abandoned | |
| | 60/105 | : 000 | April 10, 2000 | | | | | |

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

| Donald Verplancken | Registration No. 33,217 |
|-----------------------|-------------------------|
| Michael B. Einschlag | Registration No. 29,301 |
| Peter J. Sgarbossa | Registration No. 25,610 |
| Lawrence Edelman | Registration No. 25,226 |
| Michael L. Sherrard | Registration No. 28,041 |
| Raymond Kam-On Kwong | Registration No. 37,165 |
| James C. Wilson | Registration No. 35,412 |
| Robert W. Mulcahy | Registration No. 25,436 |
| Sarah J. Brashears | Registration No. 37,087 |
| B. Todd Patterson | Registration No. 37,906 |
| Raymond R. Moser, Jr. | Registration No. 34,682 |
| Keith M. Tackett | Registration No. 32,008 |
| Douglas H. Elliott | Registration No. 32,982 |
| William B. Patterson | Registration No. 34,102 |
| | |

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc. P.O. Box 450-A Santa Clara, CA 95052 B. Todd Patterson THOMASON, MOSER & PATTERSON, L.L.P.

(713) 623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

| Full name of first inventor: | WON BANG | |
|-------------------------------|-------------------------|--------------------------------|
| Inventor's signature: | | Date: |
| Residence: | 1341 Jonathon Street #1 | |
| | Santa Clara, CA 95050 | |
| Post Office Address: | Same as above. | |
| | U.S.A. | Country of Citizenship: USA |
| Full name of second inventor: | YEN KUN WANG | |
| Inventor's signature: | len La Wel | Date: 6/4/01 |
| Residence: | 33527 Stephano Court | |
| | Fremont, CA 94555 | |
| Post Office Address: | Same as above, | |
| | U.S.A. | Country of Citizenship: TAIWAN |

Full name of third inventor:

Inventor's signature:

Residence:

1142 White Cliff Drive
San Jose, CA 95129

Post Office Address:

Same as above.

U.S.A.

Country of Citizenship: TAIWAN

(Declaration ends with this page)



Atty. Dkt. No.AMAT/4515/TCG/PMD/LE

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| [X] | original |
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| [] [x] [] | is attached hereto was filed on 4/10/01, under Serial No. 09/832,168, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No filed on and as amended under PCT Article 19 on |
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[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

| one colli | ntry other | than the U | ent or inventor's certi- nited States of America (s) of which priority i | ica med by n | CT intern | national applications same subject ma | on(s) designating at least atter having a filing date | |
|---|--|---|--|---|---|--|--|---------|
| | [X] | No such ap | plications have been | filed. | | | | |
| | L - | | cations have been file | | | | | |
| A. | Prior fo | reign/PCT priority cl | application(s) filed aims under 35 U.S.C | within 12 m C. §119 | os. (6 mo | os. for design) p | rior to this application, | |
| | Count | ry/PCT | Application No | D | ate Filed | <u>P</u> | riority Claimed | |
| | | | | | | [| Yes [] No Yes [] No Yes [] No | |
| В. | | ign applica plication | ntion(s), if any, filed | more than 12 | mos. (6 i | mos for design) | prior to this | |
| | Country Applica Filing d | tion No: | | | | | | |
| C. | C. U.S. Provisional Application filed within 12 months prior to this application | | | | | | | |
| | Serial l | No. | | Filing D | <u>ate</u> | | | |
| | | | | ΓΥ CLAIM (3 | | | | |
| intern subjec mann inforr likelil | ational apet matter of the matter of the matter of the matter that as a pate | polication(s) of each of ed by the fi at is materia a reasonab ent) which | the claims of this a rst paragraph of Title al to the examination | pplication is read a 35, United Sof this application is application if implications is a second and a second a | not disclost tates Cod ation (nar | sed in that/those le, §112, 1 ackno mely, informatio | tates application(s) or PCT below and, insofar as the prior application(s) in the wledge the duty to disclose n where there is substantial to allow the application to and the national or PCT | e .1 |
| | [] [X] | No such Such ap | applications have be plications have been | en filed filed, as follow | /s: | | | |
| | | | | | | Status | Abandoned | |
| | Serial | No. | Filing Date | Patente | <u>d</u> | Pending | Abandoned | |
| | 60/19 | 5,900 | April 10, 2000 | | | | | |

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|-------------------------------|--------------------------|-----------------------------------|
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| Residence: | Santa Clara, CA 95050 | |
| Post Office Address: | Same as above. U.S.A. | Country of Citizenship: USA |
| Full name of second inventor: | YEN KUN WANG | Date: 5/11/01 |
| Inventor's signature: | 33527 Stephano Court | |
| Residence: | Fremont, CA 94555 | |
| Post Office Address: | Same as above. | Country of Citizenship: TAIWAN |
| | U.S.A. | Country of Chizenship. 1711 11711 |

Full name of third inventor:

Inventor's signature:

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1142 White Cliff Drive
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Same as above.
U.S.A.

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(Declaration ends with this page)

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|---|------|
| I hereby claim foreign priority benefits under Title 33, Office States code, \$11.7, of any province of least 4 | ona |
| application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least of | |
| country other than the United States of America listed below, and have also identified below any provisional | or |
| foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at le | east |
| foreign application(s) for patent or inventor's certificate of any 1 C1 international application and provide the patent of the | late |
| one country other than the United States of America filed by me on the same subject matter having a filing of | iaic |
| before that of the application(s) of which priority is claimed. | |

| one cou | intry oth | er than the | atent or inventor's certification United States of Amerion(s) of which priority is | ica filed by me on the sam | e subject matter having a filing date | |
|---|--|--|---|--|---|--|
| | [X] | No such | applications have been fi | iled. | | |
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| Α. | Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application and any priority claims under 35 U.S.C. §119 | | | | | |
| | Cou | ntry/PCT | Application No | Date Filed | Priority Claimed | |
| | | | | | [] Yes [] No [] Yes [] No [] Yes [] No | |
| В. | | reign appli pplication | cation(s), if any, filed n | nore than 12 mos. (6 mos f | or design) prior to this | |
| | Count Appli Filing | cation No: | | | | |
| C. | U.S. I | Provisional | Application filed with | in 12 months prior to this | application | |
| | Seria | <u>l No.</u> | | Filing Date | | |
| | | | PRIORITY | Y CLAIM (35 U.S.C. §120 |) | |
| intern subject mann inforr likelil issue | ational a of matter er provious nation the nood that as a pa | application(of each o | s) designating the Unite f the claims of this app first paragraph of Title 3 ial to the examination of | ed States of America that in olication is not disclosed in 35, United States Code, §1 of this application (namely, poider it important in deciding | y United States application(s) or PCT is/are listed below and, insofar as the a that/those prior application(s) in the 12, I acknowledge the duty to disclose information where there is substantial ng whether to allow the application to oplication(s) and the national or PCT | |
| | [] [X] | No suc Such a | h applications have been pplications have been fil | i filed ed, as follows: | | |
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| | Santa Clara, CA 95050 | |
| Post Office Address: | Same as above. | |
| | U.S.A. | Country of Citizenship: USA |
| Full name of second inventor: | YEN KUN WANG | |
| Inventor's signature: | | Date: |
| Residence: | 33527 Stephano Court | |
| | Fremont, CA 94555 | |
| Post Office Address: | Same as above. | |
| | II S A | Country of Citizenship: TAIWAN |

Full name of third inventor:

YEH JEN KAO

Inventor's signature:_

Residence:

1142 White Cliff Drive

Post Office Address:

San Jose, CA 95129 Same as above.

U.S.A.

Country of Citizenship: TAIWAN

(Declaration ends with this page)